NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

I st And Final Bill

Work code - 005-13-000031

Est cost Rs - 19.95 Lakhs

SBRM=217/13-14
28-3-14

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11

189647

Serial No.....

Name of work.....Reconstruction of Drains and Covering Slab Ward No. 05 (Jakkur) Byatarayanapura Subdivision.

From.....To.....

Name of Contractor of nature of Agency.....S.K. Keshavamurthy

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. - EE/BTP/BBMP/E-PROC/01/2012-13						
	1) Dismantling of existing structures like culverts bridges retaining walls and other structures comprising of masonry cement concrete wood work steel work including T and P and scaffolding whenever necessary sorting the dismantled material disposal of unserviceable material with all lifts complete as per specification etc.. complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-measurment recorded vide Page No. 189695 of this MB.					180.00 m^3	
	Rate 180:00						32400:
6)	Extra Item. Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually other than foundation of buildings culverts road drains and trenches of pipe line and casing and removing the excavated stuff to a distance not exceeding 50 mm and lift up to 1.50 mm excavated surface levelled and neatly dressed disposed						

M.A.R

Mea

Serial No.....

Name of work.....Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	earth to be levelled casion. etc.. com	
	As per Pre. Page No.	
	Rate 126:36	
2)	Providing and lay concrete of mix with 40 mm and do	

BOOK

...ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...rment recorded vide			
...5		of this MB.	
		180.00 m^3	
			32400:00
Excavation in ordinary			
...vering the ground manually			
... of buildings culverts			
...ng of pipe line and cables			
...avated stuff to a distance			
... lift up to 1.50 m excavated			
...ly dressed disposed			

M.A.R. 57 (Rule 116)

Measurement Book No. A/11

Serial No..... 189648

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	earth to be levelled nearly dressed as per specification. etc.. compose as per specification.						
	As per Pre. measurement recorded vide						
	Page No.		189	696		of this MB.	
						60.00 m^3	
	Rate 126:36						7582:00
2)	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement as 180 kg with 40 mm and down size graded granite metal						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Course aggregate as 0.892 cum and fine aggregate as 0.57 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials laborer curing complete as per specification						
	As per pre-measurement recorded vide page no. 189697 to 189698 & this MB.					67.50 m³	256500:00
	Rate 3800:00						
	Extra item.						
7)	Providing and constructing granite/trap/basalt size stone masonry in foundation with cement						

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	Mortar 1:6 ... not less than ... in each co... laborer curin...
	As per page no...
Extra item. 8)	Rate 3549... providing ... size stone ...

ENT BOOK

mensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	.892 cum		and fine aggregate	
	mixed		Concrete Laid in	
	15 cms thick well compacted			
	ish including cost of all mese-			
	Compose as per specification			
	ment recorded vide			
	to 189698		& This MB.	
			67.50 m³	
				256500:00
	...ding granite/trap/basalt			
	...n foundation with cement			

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189649

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Mortar 1:6 stone hammered dressed in courses not less than 20 cm high bond stones as 2 mtr apart in each course including cost of materials labour curing compose as per specification.						
	As per pre-measurement recorded vide page no. 189699 to 189700 & This MB						
						99.00 m³	
Extra 8)	Rate 3549:96						351446:00
	Item. Providing and constructing granite/trap/basalt size stone masonry in basement with cement						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Mortor 1:6 edges & stones chiselle dressed in courses not less than 15 cms high bond stones at 2 mtr apart in each course including cost of materials labour curing complete as per specification						
	a) Muneshwara Temple to Telecom layout.						
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.45	12.15	
	b) Aghrahara layout. Govt Hospital opposite.	2	24.00	0.45	0.45	9.72	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Rate 4227:12
	Extra item.
	9) Providing Fl... Masonry wo... after draking. lining including

T BOOK

...sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...nes chiselle dressed in ...ong high bond stones as ...urse including cost of ...ng complete as per specification ...elecom layout.			
0.45	0.45	12.15	
0.45	0.45	12.15	
0.45	0.45	12.15	
0.45	0.45	12.15	
0.45	0.45	12.15	
0.45	0.45	12.15	
0.45	0.45	9.72	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189650

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	0.45	12.15	
		2	9.00	0.45	0.45	3.64	
		2	8.00	0.45	0.45	3.24	
						101.25 m^3	
	Rate 4227:12						427995:90

28/2/14
AE-05

Extra item.

9) Providing Flush Pointing to coursed stone Masonry with cement mortar 1:3 20mm deep after raking joints to depth & 20mm nicely lining including cost of mesenicely labour curing

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	compose as per specification est.. compose as per specification.						
	a) Muneshwara Temple to Telecom Layout						
		2	30.00	-	0.45	27.00	
		2	30.00	-	0.45	27.00	
		2	30.00	-	0.45	27.00	
		2	30.00	-	0.45	27.00	
		2	30.00	-	0.45	27.00	
		2	30.00	-	0.45	27.00	
	b) Aghrahara Layout Gout Hospital opposite.	2	24.00	-	0.45	21.60	

Serial No.....

Name of work.....From....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Le
1	2	3	
		2	3
		2	9
		2	8
	Rate 79:92		
	3) Providing and laying compose of mix m with 20mm and dow		

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
sication		est..	Compose
Telecom Layout			
-	0.45	27.00	
-	0.45	27.00	
-	0.45	27.00	
-	0.45	27.00	
-	0.45	27.00	
-	0.45	27.00	
-	0.45	21.60	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189651

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	-	0.45	27.00	
		2	9.00	-	0.45	8.10	
		2	8.00	-	0.45	7.20	
						225.00 m²	
	Rate 79:92		28/2/14 AE-05				17982:00

3) Providing and laying in position plain cement concrete of mix M10 with OPC cement as 220 kgs with 20mm and down size graded granite metal

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Course aggregate as 0.84 cum and fine aggregate as 0.56 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials lagoon curing compete as per specification.						
	a) Maneshwara Temple to Telecom layout						
		2	30.00	0.45	0.10	2.70	
		2	30.00	0.45	0.10	2.70	
		2	30.00	0.45	0.10	2.70	
		2	30.00	0.45	0.10	2.70	
		2	30.00	0.45	0.10	2.70	
		2	30.00	0.45	0.10	2.70	
	b) Aghrahara layout Govt Hospital OPP	2	24.00	0.45	0.10	2.16	

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work.

Date	Full description, etc, of wor
1	2
	Vent concrete

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.84 cum			and give assis
ewine mixed concrete			
eeding 15 cms thick			
ndation and plinth			
ese in all lagoon cuts			
cation.			
Telecom layout			
0.45	0.10	2.70	
0.45	0.10	2.70	
0.45	0.10	2.70	
0.45	0.10	2.70	
0.45	0.10	2.70	
0.45	0.10	2.70	
0.45	0.10	2.16	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189652

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	0.10	2.70	
		2	9.00	0.45	0.10	0.81	
		2	8.00	0.45	0.10	0.72	
	Vent concrete						
	a)	1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	b)	1	24.00	0.60	0.10	1.44	
		1	30.00	0.60	0.10	1.80	
		1	9.00	0.60	0.10	0.54	
		1	8.00	0.60	0.10	0.48	
						37.50 m^3	
	Rate 4320						162000:00
	28/3/14						

4) Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15 cms thick well compacted cost of all necessary layout curing compose as per

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	Specification	
	Muneshwara Temple	
	Ashrahara layout	
	Govt Hospital opp	
	Govt Hospital left side.	

BOOK

...ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.60	0.10	1.44	
0.60	0.10	1.80	
0.60	0.10	0.54	
0.60	0.10	0.48	
		37.50 m³	
			162000 : 00

...d down size for slag
...ement) including cutting
... mixed concrete laid
... 15 cms thick wall compound
... four curing compose asphalt

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189653

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specification including cost of mesenials.						
	Muneshwara Temple	60	0.60	0.90	-	32.40	
	Ashrahara layout Govt Hospital opp	65	0.60	1.20	-	46.80	
		40	0.60	1.20	-	28.80	
	Govt Hospital Left side.	11	0.60	1.50	-	9.90	
		86	0.60	1.20	-	61.92	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	13th cross to 10th cross Govt Hospital OPP	50	0.60	1.50	-	45.00	
		100	0.60	1.20	-	72.00	
	9th to 8th cross	20	0.60	1.50	-	18.00	
	Govt Hospital to 12th cross.	62	0.60	1.50	-	55.80	
	12th to 11th cross	32	0.60	1.20	-	23.04	
		18	0.60	1.50	-	16.20	
		7	0.60	1.20	-	5.04	
		168	0.60	0.90	-	90.72	
						504.00 m^2	713664
	Rate 1416:00						

C&FC 28/3/2014

Serial No.....

Name of work.....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc, of wo
1	2
5)	Lead for ... as carage ... loading and ... Quan... 69... Rate 126... Ajit 28/3/... AE-05

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
.60	1.50	-	45.00	
.60	1.20	-	72.00	
.60	1.50	-	18.00	
.60	1.50	-	55.80	
0.60	1.20	-	23.04	
0.60	1.50	-	16.20	
0.60	1.20	-	5.04	
0.60	0.90	-	90.72	
			504.00 m^2	713664 =

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189654

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
5)	Lead for disposal of Debris shall be payable as carage rates by mechanical means including loading and unloading.						
	Quantity vide Item No. 6 60.00 m^3						7581:60
	Rate ~~126:36~~ 69:00						4140=00
	Rajiv 28/3/14 Ac-05						
					Total Rs.		1973709:54

MEASUREMENT BOOK

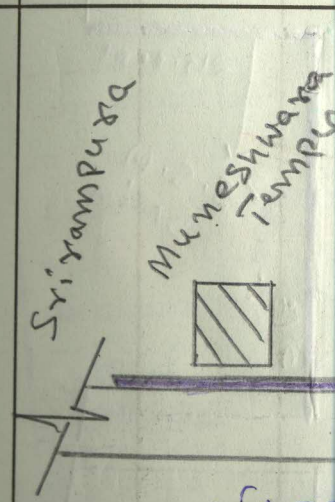
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	Certificate 1) Certified that the work done satisfactory 2) This bill amount has not been claimed in any of previous bill. 28/3/14 AE-01						

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work...

Date	Full description, etc, of work
1	2
	

...ENT BOOK

Dimensions		Contents	Reference to last Measurement
...gth	Breadth 5	Depth 6	7	8

...e work done satisfactory
...has not been climed in
...bill.

(signature)

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 189655

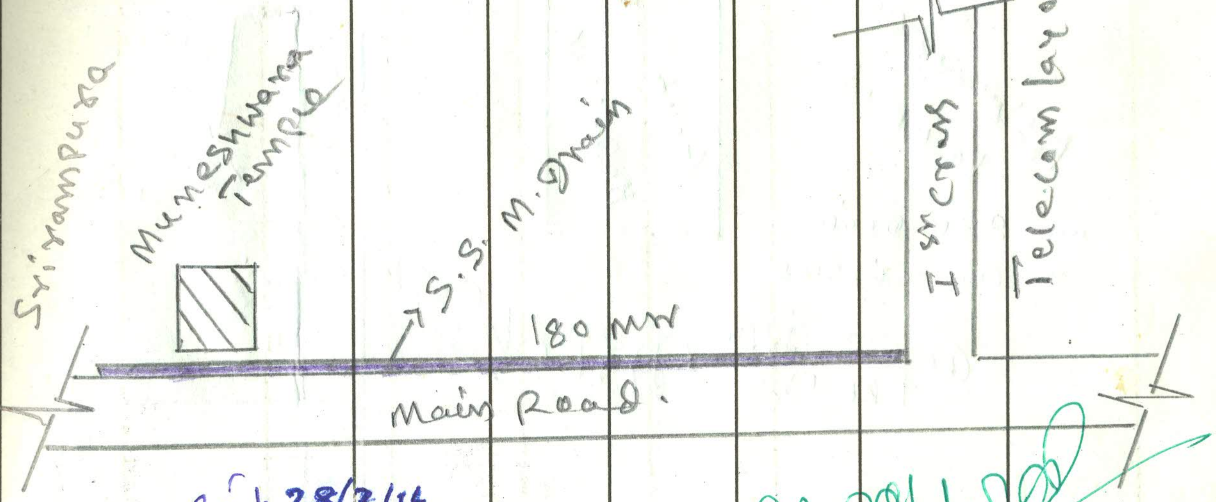
Serial No.................................

Name of work..From....................................To...

Name of Contractor of nature of Agency..

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

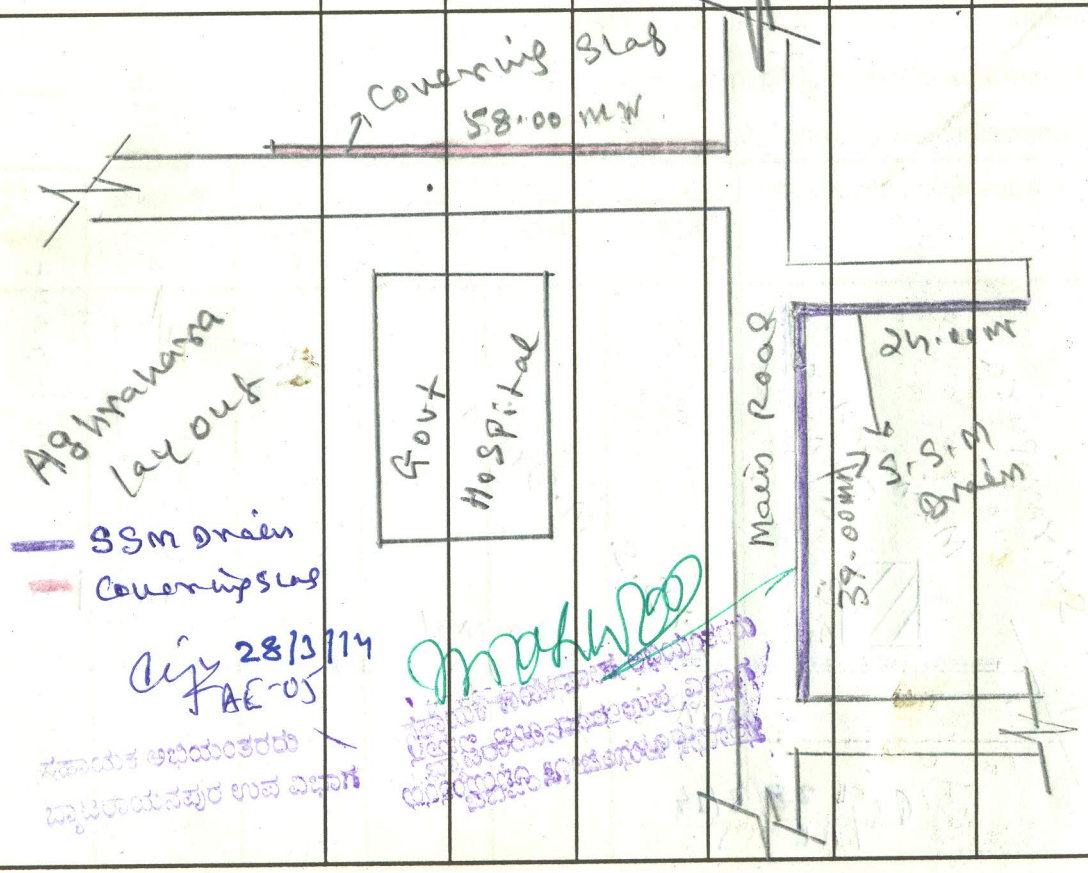


28/3/14
TAE-05

(signature)

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



28/3/14
AE-05

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1973700
ಗಳಿಗೆ ಪಾಸು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 26
ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲ
ರೂ 1712734=00
ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ
ಲೆಕ್ಕಾಧಿಕ್ಷಕರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ